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#2 OIPE

RAW SEQUENCE LISTING

DATE: 01/08/2002

PATENT APPLICATION: US/09/965,551

TIME: 14:42:06

Input Set : N:\Crf3\RULE60\09965551.raw

Output Set: N:\CRF3\01082002\I965551.raw

1 <110> APPLICANT: Manoharan, Muthiah
 2 <120> TITLE OF INVENTION: Carbohydrate or 2'-Modified Oligonucleotides Having
 3 Alternating Internucleoside Linkages
 4 <130> FILE REFERENCE: ISIS3863
 5 <140> CURRENT APPLICATION NUMBER: US/09/965,551
 6 <141> CURRENT FILING DATE: 2001-09-27
 7 <150> PRIOR APPLICATION NUMBER: 09/349,007
 8 <151> PRIOR FILING DATE: 1999-07-07
 9 <160> NUMBER OF SEQ ID NOS: 13
 10 <170> SOFTWARE: PatentIn Ver. 2.1
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 20
 14 <212> TYPE: DNA
 15 <213> ORGANISM: Artificial Sequence
 16 <220> FEATURE:
 17 <221> NAME/KEY: modified_base
 18 <222> LOCATION: (1)..(20)
 19 <223> OTHER INFORMATION: Alternating phosphodiester/phosphorothioate
 20 linkages
 21 <221> NAME/KEY: modified_base
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 24 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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 34 <222> LOCATION: (1)..(20)
 35 <223> OTHER INFORMATION: Alternating phosphodiester/phosphorothioate
 36 linkages
 37 <221> NAME/KEY: modified_base
 38 <222> LOCATION: (1)..(6)
 39 <223> OTHER INFORMATION: 2'-Methoxyethoxy
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 41 <222> LOCATION: (15)..(20)
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 43 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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 48 <211> LENGTH: 20
 49 <212> TYPE: DNA
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55     linkages
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59 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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66 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
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117 <222> LOCATION: (1)..(20)
118 <223> OTHER INFORMATION: Alternating phosphodiester/phosphorothioate
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123 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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134 <223> OTHER INFORMATION: 2'-Methoxyethoxy
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137 <223> OTHER INFORMATION: c=5-methyl
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140 <223> OTHER INFORMATION: c=5-methyl
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145 <222> LOCATION: (20)
146 <223> OTHER INFORMATION: c=5-methyl
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154 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:

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165 <221> NAME/KEY: modified_base
166 <222> LOCATION: (13)
167 <223> OTHER INFORMATION: c=5-methyl
168 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
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180 <221> NAME/KEY: modified_base
181 <222> LOCATION: (1)..(20)
182 <223> OTHER INFORMATION: All phosphorothioate linkages
183 <221> NAME/KEY: modified_base
184 <222> LOCATION: (2)
185 <223> OTHER INFORMATION: c=5-methyl
186 <221> NAME/KEY: modified_base
187 <222> LOCATION: (10)
188 <223> OTHER INFORMATION: c=5-methyl
189 <221> NAME/KEY: modified_base
190 <222> LOCATION: (18)
191 <223> OTHER INFORMATION: c=5-methyl
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194 <223> OTHER INFORMATION: c=5-methyl
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200 <211> LENGTH: 20
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208 <222> LOCATION: (6)
209 <223> OTHER INFORMATION: c=5-methyl
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213 <221> NAME/KEY: modified_base
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215 <223> OTHER INFORMATION: c=5-methyl
216 <223> OTHER INFORMATION: Description of Artificial Sequence: Novel Sequence
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221 <211> LENGTH: 20
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223 <213> ORGANISM: Artificial Sequence
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231      linkages
232 <221> NAME/KEY: modified_base
233 <222> LOCATION: (2)
234 <223> OTHER INFORMATION: c=5-methyl
235 <221> NAME/KEY: modified_base
236 <222> LOCATION: (10)
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239 <222> LOCATION: (18)
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242 <400> SEQUENCE: 13
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/965,551

DATE: 01/08/2002

TIME: 14:42:07

Input Set : N:\Crf3\RULE60\09965551.raw

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